

E SCIENCE SKILL Thinking about Systems

Look at the picture of the toaster. Answer the questions.

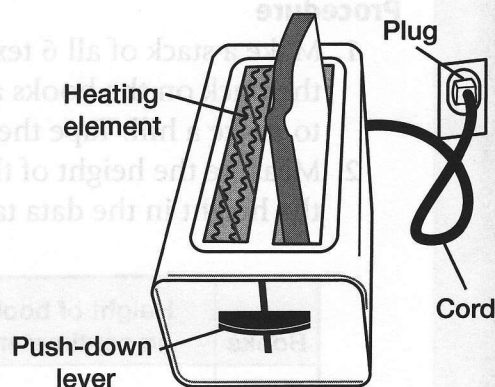
1. What are the parts of this system?

2. Where does energy come from?

3. What energy transformation takes place inside the toaster?

Thinking about Systems

✓ A system is made of parts that work together.



F CONSERVATION OF ENERGY

Pairwork

With a partner, drop and catch a tennis ball several times. Then work together to answer the questions.

1. When does the ball have only potential energy? _____

2. When does the ball have kinetic energy? _____

3. Does the total energy of the ball ever change? _____

G WRITING Inferring from Evidence

You put a cup of cold water outside on a sunny day. Later, the water feels warm. What happened? Write a paragraph. Use the words *energy*, *travels*, *thermal energy*, and *temperature* in your paragraph.

Inferring from Evidence

✓ Make a guess about something from facts you know.